



American Recovery and Reinvestment Act of 2009

renew Louisiana

LOUISIANA DEPARTMENT OF NATURAL RESOURCES



ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT (EECBG) PROGRAM

Technical Assistance Webinar

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Webinar Logistics

For voice access please dial:

- Phone number: 877-960-8441
- Pass code: 2681616#

This presentation will be made available on the website:

<http://dnr.louisiana.gov/stimulus>

Participants are muted

At the end of the presentation we will have a Q&A session. Two ways to ask questions:

- Chat box
- At the end of the presentation we will unmute you



Agenda

- Introduction
- Overview of EECBG Program
- Funding Distribution Strategy
- Eligible Activities
- Application Documents
- Timeline
- Next Steps
- Q & A



The American Recovery and Reinvestment Act of 2009 (ARRA)

Overview:

- The ARRA of 2009 was signed into law by President Obama on February 17th, 2009
- An unprecedented effort to jumpstart our economy, create or save millions of jobs, and address long-neglected challenges

Recovery Act Purpose

- Preserve and create jobs and promote economic recovery
- Assist those most impacted by the recession
- Spur technological advances in science and health via investment
- Generate long-term economic benefits via investment
- Stabilize state and local government budgets

Principles

- As quickly as possible
- Prudent management
- Leveraging public and private funding



Energy Efficiency and Conservation Block Grant (EECBG) Program

- Administered by the U.S. Department of Energy's (DOE) Office of Energy Efficiency and Renewable Energy (EERE)
- Created and authorized by the Energy Independence and Security Act of 2007
- Not previously funded
- Under the American Reinvestment and Recovery Act, \$3.2 billion dollars will be granted to states, territories, local governments and Indian tribes



Energy Efficiency and Conservation Block Grant (EECBG) Program

Purpose: To assist eligible entities in implementing energy efficiency and conservation strategies

- to reduce fossil fuel emissions;
- to reduce total energy use;
- to create and/or retain jobs;
- to spur economic growth; and
- to improve energy efficiency in the transportation, building, and other appropriate sectors.



U.S. DOE - EECBG Program

\$3.2 billion



\$33.6 million



\$13.8 million

Louisiana:
10 cities and 10 parishes

Louisiana Department of
Natural Resources

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Parishes



Cities and Towns



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Renew Louisiana EECBG Program

- DNR Awarded \$13.8 million on September 14, 2009
- Created to distribute available funding on a per capita basis as equitably as possible to units of local government not eligible to receive a direct funding allocation from DOE.



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Funding Distribution Strategy

- **Parish Group 1:** parishes that received EECBG funding directly from DOE
- Required to consult with incorporated cities, towns and villages, and make at least 75% of DNR's EECBG funding available to them
- Prohibited from distributing DNR's EECBG funds to cities that received a direct allocation from DOE

Ascension	Calcasieu	Lafourche	Livingston
Ouachita	Rapides	St. Landry	Tangipahoa



Funding Distribution Strategy

- **Parish Group 2:**
- Parishes that received EECBG funding directly from DOE in excess of \$2 million.
- These parishes will not receive additional funding from DNR.

Jefferson	Orleans	St. Tammany
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Funding Distribution Strategy

- **Parish Group 3:**
- Parishes that did not receive EECBG funding directly from DOE
- Parishes may elect to pass through at least 75 percent of funding to eligible incorporated cities, towns, and villages **or** design and implement a parish wide project that will provide benefits to the entire population of the parish.
- Prohibited from distributing DNR's EECBG funds to cities that received a direct allocation from DOE



Eligible Activities

Energy Efficiency Retrofits

Projects that increase the energy efficiency of public buildings.

Examples of eligible systems to be retrofitted include lighting, HVAC, boilers, motors, and pumps.

Building Retro-commissioning

Projects that retro-commission existing public buildings to identify low-cost operational and maintenance improvements, optimize system performance and achieve energy efficiency.



Eligible Activities

Energy Efficient Transportation Lighting

Implement energy efficient infrastructure upgrades for public streets and public spaces.

Examples of projects may include replacement of traffic signals and street lighting with energy efficient lighting technologies.

Renewable Energy on Government Buildings

Projects to implement technologies including solar photovoltaic (PV), solar thermal, geothermal heat pumps and small wind that promote the generation of renewable energy on government buildings.



Eligible Activities

Building Energy Code Enforcement

Projects that will advance the adoption of energy efficient building standards, green building codes, establish green permitting programs, or provide training that will increase compliance with existing energy standards.



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Ineligible Activities

- Projects for any casino, aquarium, zoo, golf course, or swimming pool.
- Projects that increase the energy load of a facility by adding new equipment.
- Cosmetic improvements to buildings.
- Projects involving new construction or expansion of buildings, facilities, and city infrastructure.
- Projects involving the alteration of a building's envelope including windows, doors, roofs and walls.
- Projects started or installed prior to an executed MOU with DNR.
- Funds for buying or leasing property.
- Projects that involve fuel switching or demand management.



Federal and State Requirements

Transparency Requirements

Reporting Requirements

Davis-Bacon Act

Buy American Provision

Procurement Requirements

Building Energy Standards Workshops

National Environmental Policy Act (NEPA)

National Historic Preservation Act (NHPA)



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National Environmental Policy Act (NEPA)

Requires federal agencies to consider the potential environmental impacts of their proposed actions.

Projects that meet certain criteria will likely be classified as **categorical exclusions** and will not require a NEPA review.

- Residential and Commercial Energy Audits
- Energy Efficiency Retrofits (with limitations)
- Building Codes and Inspections
- Renewable Energy Technologies on Government Buildings (with limitations)

If project is not a categorical exclusion, then the applicant will have to complete EF-1 Environmental Questionnaire. Project may also be subject to NEPA review.



National Historic Preservation Act (NHPA)

All recipients must meet federal cultural resource review requirements under Section 106 of the NHPA.

Projects involving a building or structure included in the National Register of Historic Places (NRHP) or one eligible for inclusion in the NRHP will require additional documentation.

All Parishes must submit:

- Photo of façade
- Map showing project location
- Approximate age of building

Parishes should note that funding will be dependent on projects meeting Section 106 requirements.



Waste Management

DNR is required to provide documentation to U.S.DOE demonstrating that an adequate disposal plan has been prepared for sanitary or hazardous waste generated by the proposed activities.

Parishes are therefore required to submit information on the expected waste stream of the proposed project.

Upon award, Parishes shall submit to DNR a complete waste management plan. Projects shall ensure compliance with all federal, state and local regulations.



Application Documents

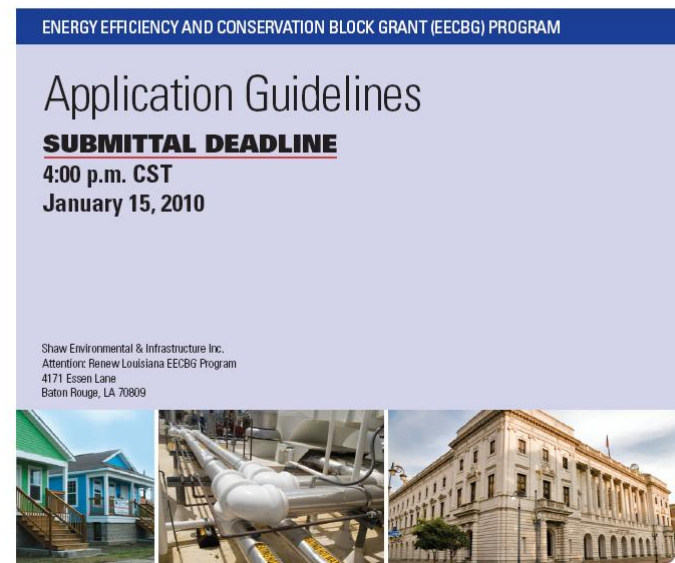
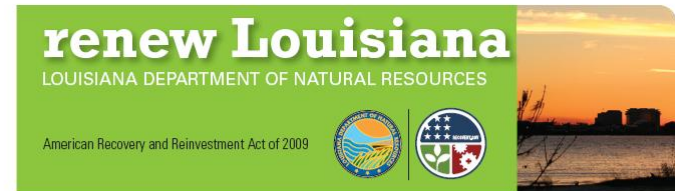
Application Guidelines:

- Introduction
- Funding Distribution
- Eligible Activities
- Program Requirements
- Application Process
- Available Assistance

Attachment A – Parish Funding Distribution

Attachment B – ARRA Special Terms and Conditions

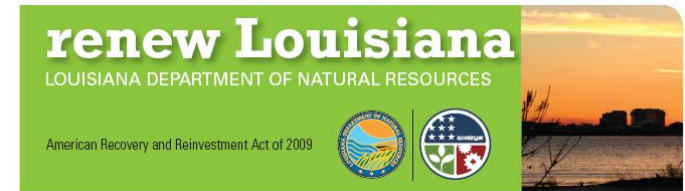
Attachment C – Environmental Questionnaire



Application Documents

Application Forms:

- Form A: Memorandum of Agreement
- Form B: EECBG Activity Worksheet
- Form C: Project Narrative
- Form D: Waste Stream
- Form E: National Historic Preservation Act
- Form F: National Environmental Policy Act



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Form A – Memorandum of Agreement

FORM A

Memorandum of Agreement Between the Louisiana Department of Natural Resources And the Renew Louisiana EECBG Subgrantees

Date: _____

WHEREAS, the LOUISIANA DEPARTMENT OF NATURAL RESOURCES, hereafter referenced to as DNR, and the PARISH OF _____, hereafter referenced to as The Parish entered into a Memorandum of Agreement on the (date) _____ for the funding received under the Renew Louisiana Energy Efficiency and Conservation Block Grant Program.

NOW, THEREFORE, LDNR acting by and through the Secretary of the Louisiana Department of Natural Resources and The Parish enter into the following Memorandum of Agreement:

SECTION I



Form B – EECBG Activity Worksheet

FORM B - EECBG Activity Worksheet

Contact Information

Parish:	Caldwell	DUNS no:	1028976588
Contact Name:	David Sertich	Title of Contact:	Parish Clerk
Mailing Address:	219 Main Street	Telephone:	318-649-2681
City:	Columbia	Email	dsertich@caldwellparishla.gov
ZIP Code + 4:	71418-3451	Fax Number:	318-649-2685



Form B – EECBG Activity Worksheet

Project Information

Project Title: Energy Efficiency Retrofit of Courthouse and Public School

Activity Type:

☒
☐
☐

Energy Efficiency Retrofits

Building Retro-commissioning

Energy Efficient Transportation Lighting

☐
☐

Renewable Energy on Government Buildings

Building Energy Code Enforcement

Sector

☐
☒
☐
☐
☐

Commercial

Public

Industrial

Institutional

Other (please list) _____

☐
☐
☐
☐

Residential

Agricultural

Transportation

All



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Form B – EECBG Activity Worksheet

Financial Information

	Amount (\$)	Percent
EECBG Funding Requested	70,000	70%
Proposed Funds Leveraged	30,000	30%
Total Project Cost	100,000	100%

Budget Item	(A) EECBG Funding Requested (\$)	(B) Proposed Funds Leveraged (\$)	(C) = (A) + (B) Total (\$)	(C) / Total Project Cost (%)
Equipment/Materials	\$66,500	\$0	\$66,500	66.5%
Direct Labor	\$0	\$25,000	\$25,000	25%
Administrative Expenses	\$3,500	\$5,000	\$8,500	8.5%
Revolving Loans	\$0	\$0	\$0	0%
Subgrants	\$0	\$0	\$0	0%
Other (please explain				



Form B – EECBG Activity Worksheet

Metrics Activity

Jobs Created/Retained:

0.37

FTE

GHG Emissions Reduced:

5,666.38

MT CO₂e

Annual Electricity Savings:

648,245

kWh

Annual Natural Gas Savings:

therms

Signature

I hereby certify that I am authorized to submit this application and that the information presented in this application is true and accurate. In addition, I agree to abide by all the terms and conditions described in the Louisiana Department of Natural Resources "EECBG Program Guidelines", application forms, and all supporting documents.

Scott Thomas

01/13/2010

Name

Signature

Date



Form C – Project Narrative

Project Narrative

Provide a description of the proposed project, including goals and objectives and a statement of work (required tasks and activities). The description should also include information on the proposed project location, licenses and permits required (if applicable) and the current status of the project.

Project Benefits

Discuss the merits of the project and identify expected project outcomes including job creation, energy savings, GHG emission reductions, etc.



Form C – Project Narrative

Proposed Timeline

Provide a proposed timeline for project milestones or events.

Note: A milestone/event could be a percentage of project completion, ground breaking or any other marker

Date	Milestone/Event
03/31/2010	Begin Lighting retrofit in elementary school
05/31/2010	Begin installation of HVAC in public courthouse
06/15/2010	Finish lighting retrofit in elementary school



Form D – Waste Stream

Waste Stream Description

Indicate if the proposed project will generate a waste stream. For activities that will generate a waste stream, describe the waste and your methodology for waste handling and disposal.

It is expected that the project will generate the following waste:

- Incandescent lamps
- T12 lamps
- Old HVAC system
- Construction debris
- Lamp fixtures



Form F – National Historic Preservation Act

Description of Project Site

Does your project involve a building or structure included in the National Register of Historic Places (NRHP) or one eligible for inclusion in the NRHP?

☐

Yes

☒

No

If the proposed project involves a building or structure listed on or eligible for the NRHP, parishes must complete additional information in Item 5 of the EF-1 Environmental Questionnaire.
(Attachment C of the Program Guidelines)

For more information regarding the NRHP contact the Louisiana Office of Cultural Development – Division of Archaeology at (225) 342-8170. <http://www.crt.state.la.us/archaeology/homepage/>

Has Item 5 been completed for projects on or eligible to be included in the NRHP?

☐

Yes

☒

No



Form F – National Historic Preservation Act

For every proposed project/performance site location, parishes must include a photo of the façade of the existing facility as well as a map showing its exact location.

Are photos and maps included as attachment to this form?



Yes



No

Provide information on the proposed project/performance site location.

Site Name	Site Address	Year of Completion	Square Footage
1. Columbia Elementary School	2555 Highway 18, Edgard, LA	1985	50,000
2. Caldwell Parish Courthouse	P.O. Box 1327 Main Street Columbia, LA 71418	1945	30,000



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Form G – National Environmental Policy Act

Application of NEPA to the Proposed Project



The proposed project is categorically excluded from NEPA because it falls within the following category and does not involve “extraordinary circumstances” within the meaning of 10 C.F.R. Section 1021.410:



Energy Efficiency Retrofits - limited to:

Installation of insulation, efficient interior and exterior lighting, HVA systems, high-efficiency shower/faucet upgrades, weather sealing, purchase and installation of ENERGY STAR® appliances, installation of solar powered appliances with improved efficiency, replacement of windows and doors.



Building Codes and Inspections



Development, implementation, and installation on or in any government building of onsite renewable energy technology - limited to:

- Solar Electricity/Photovoltaic on existing rooftops and parking shade structures; or a 60 kW system or smaller unit installed on the ground.
- Wind Turbine - 20 kW or smaller.
- Solar Thermal system - 20 kW or smaller.
- Solar Thermal Hot Water.
- Ground Source Heat Pump - 5.5-ton capacity or smaller, horizontal/vertical, ground, closed-loop system.
- Combined Heat and Power System - boilers sized appropriately for the buildings in which they are located.
- Biomass Thermal - 3 MMBtus per hour or smaller system with appropriate Best Available Control Technologies (BACT) installed and operated.



Form G – National Environmental Policy Act

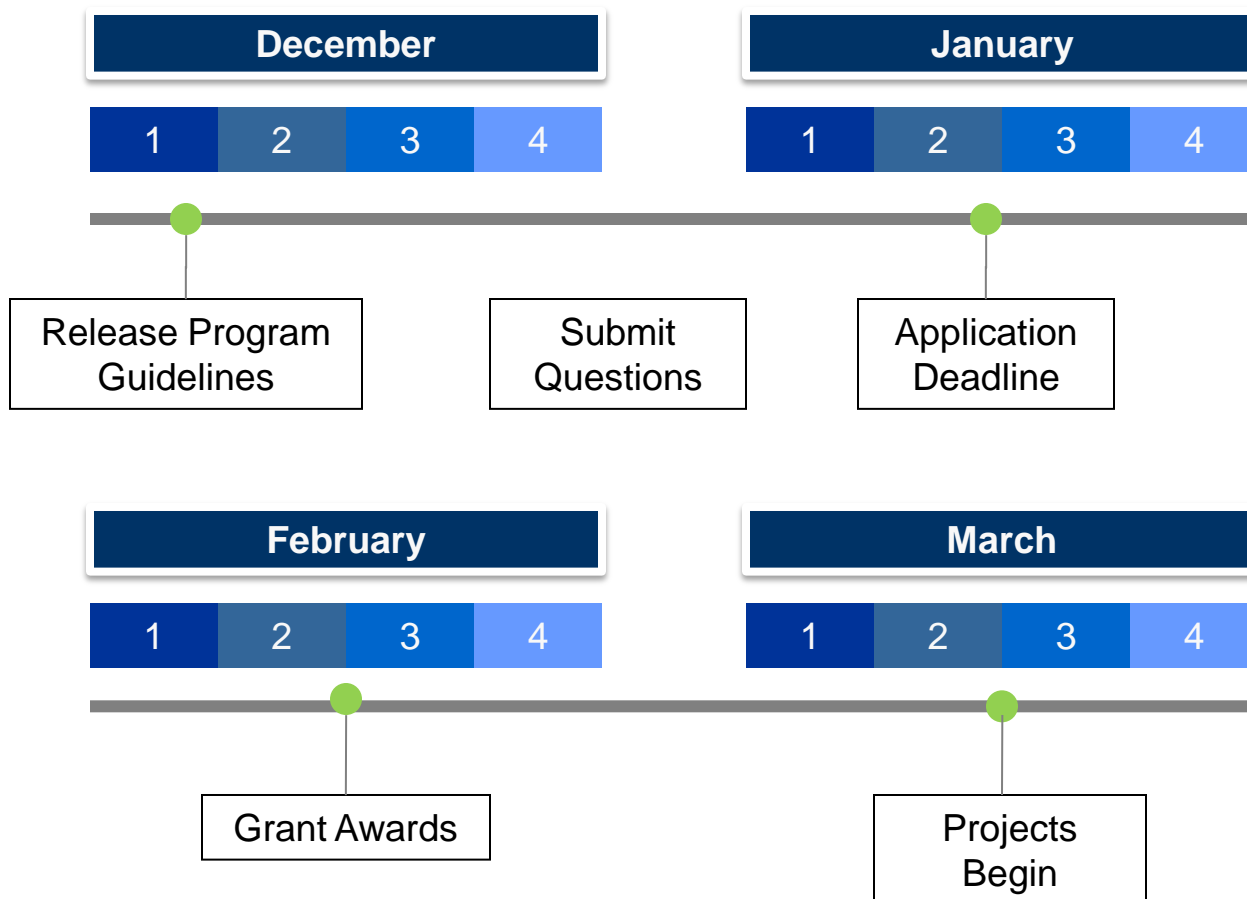
☐ The proposed project falls within the categories listed above but may involve “extraordinary circumstances” within the meaning of 10 C.F.R Section 1021.410, for the following reason(s):

☐ The proposed project is not categorically excluded, for the following reason(s):

☐ The EF-1 Environmental Questionnaire has been completed and attached.



Timeline



Next Steps

Application Submittal

All applications must be received by 4:00 p.m.
January 15, 2010

Submit one hard copy plus electronic documents in CD or email form.

Shaw Environmental & Infrastructure, Inc.

Attention: Renew Louisiana EECBG Program

4171 Essen Lane

Baton Rouge, LA 70809



Contact Information

Call: 1-877-319-1368 (toll-free)

Email: laeecbg@shawgrp.com

Website: <http://dnr.louisiana.gov/stimulus>



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Questions?



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